

Abstract Of The Disclosure

In a process for production of an aluminum foil (10) coated with sealable and sterilizable plastic (14) based on polypropylene (PP) or polyethylene (PE), the plastic (14) is coextruded with an adhesion-promotion agent (16) and combined with an aluminum foil (24) between two rollers (20, 22). The aluminum foil (10) is coextrusion-coated in this way, to increase the adhesion strength between the aluminum foil (24) and the plastic layer (14), then passes continuously through an oven (26) with temperature (T_O) set such that the temperature of the plastic layer (14) and the adhesion promotion agent (16) lies above the crystallite melt point (T_K) of the plastic. The coated aluminum foil heat-treated in this way, after emerging from the oven (26), is cooled shock-like such that the crystalline proportion at least in the surface area of the cooled plastic layer (14) and the crystallites in this area are as small as possible. A container made of coated aluminum foil (10) produced with the process for animal feed shows a good serving behavior on removal of the filling. Also a lid of the coated aluminum foil (10) has low adhesion of the animal feed to the lid, which leads to clean opening of the container. Due to the essentially suppressed after-crystallization of the plastic layer (14), white breaks are avoided which increases the resistance to aggressive fillings.